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METHOD OF DECOMPOSING ORGANIC COMPOUNDS IN WATER

ABSTRACT OF THE DISCLOSURE

A process for the decomposition of organic compounds in water, which has a TOC of more than 2 ppm and contains in addition dissolved carbonic acid or carbonates, is disclosed. The process entails treatment with ozone. Also disclosed is a process for the production of chlorine by electrolysis of common salt, characterized in that the common salt is added to the electrolysis process in the form of an aqueous solution obtained by treatment with ozone of water which has a TOC of more than 2 ppm and a common salt content of 2 to 20 wt.% and contains in addition dissolved carbonic acid or carbonates.